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(54) Title: COMPOSITION COMPRISING AN ELASTOMERIC POLYMER AND AN OLEFINIC POLYMER

(57) Abstract: Foamed composition comprising: 100 parts by weight elastomeric polymer (A), comprising monomeric units of ethylene and an  $\alpha$ -olefin, 1-50 parts by weight olefinic polymer (B), comprising: b1) 98 - 65 weight % monomeric units of ethylene; b2) 2 - 35 weight % monomeric units of an alpha-olefin having 4 - 12 carbon atoms, polymer B having a density of 880 - 915 kg/m<sup>3</sup>. The composition shows a very good foam structure.

## INTERNATIONAL SEARCH REPORT

PCT/NL 03/00511

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C08L23/16 C08J9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C08L C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base end, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 197 521 A (JSR CORP) 17 April 2002 (2002-04-17) abstract; claims 1-13 page 2, line 50 page 3, line 1-19 ---	1-3,8-11
P, X	WO 02 085954 A (EXXONMOBIL CHEM PATENTS INC ;PEHLERT GEORGE J (US)) 31 October 2002 (2002-10-31) abstract; claims 1-71 page 4, line 5 page 5, line 20 page 8, line 26 page 10, line 12-18 page 12, line 18 page 14, line 4-15 ---	3-9 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

19 December 2003

Date of mailing of the International search report

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## INTERNATIONAL SEARCH REPORT

PCT/NL 03/00511

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 56012 A (EXXON CHEMICAL PATENTS INC) 10 December 1998 (1998-12-10) abstract; claims 1-6 page 8, line 10 page 11, line 15 page 15 -----	3-11
A	EP 0 086 620 A (MONTEDEISON SPA) 24 August 1983 (1983-08-24) abstract; claims 1-4 -----	1,2

**INTERNATIONAL SEARCH REPORT****PCT/NL 03/00511****Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of Invention Is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple Inventions in this International application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

**Remark on Protest**

- The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1,2

A foamed composition comprising an elastomeric polymer and an olefinic polymer with a density between 880-915 kg/m<sup>3</sup>.

2. Claims: 3-7

A composition comprising an elastomeric polymer having a crystallinity of at most 5 % and an olefinic polymer having a density between 880-915 kg/m<sup>3</sup>.

3. Claims: 8-11

A preblend comprising an elastomeric polymer and an olefinic polymer and a process for compounding this preblend.

## INTERNATIONAL SEARCH REPORT

PCT/NL 03/00511

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